needle is then raised forcibly in a di-

rection at right angles to the part

There would seem to be some persons

on this earth who are constantly trying to make water run up hill, and yet they

never make out beyond making them-

selves miserable and every one around

feature at once betokens to the experi-

a slarg phrase; but the "doctor"-and

or waking, and the bile consists largely

of salt when it is healthy bile, and all

Now, with the waste going on, sleeping

The London Times, in reviewing a

recently published book by Shib Chun-

der Bose, "Hindoo Manners and Cus-

Wealthy Hindoos are often lavishly

ostentatious when a death, a marriage,

or one of the annual religious festivals

their generosity. They illuminate gar-

dens that reflect the pleasures of their

paradise; they throw their mansion

open to all comers; they feed troops

of beggars and priests for days and

sometimes for weeks. And although

the Bengali, as a rule, is frugal to stin-

giness, looking closely to the expendi-

ture of each rupee, the observances of

his faith must be a heavy tax on him.

As the Brahmins live at the expense of

the laymen, it is to their interest to see

that these observances are maintained.

The great Doorga Poojah festival in it-

rassments and insolvencies. Everybody

is bound, if possible, to live in luxury

for the time, to indulge in merrymaking

that degenerates into orgies, and to

dress in new and sumptuous clothing

spent on this grand festival." The beg-

Brahmins look forward as the occasion

for replenishing their empty purses.

According to the author, it has been

spent annually in Bengal alone, directly

or indirectly; and the Doorga Poojah

only represents on an exaggerated scale

a waste that is going forward at inter-

vals through all the rest of the year.

are many days when a circle of acquaint-

of the caste are sacrificed to pecuniary

temptations. The heads of the order

afford to bribe them sufficiently.

gars have their wants freely relieved,

from head to foot. "Persons in strait-

offer them an occasion for parading

toms," says:

#### When it Rains. When it rains, and with the rain Never bird has heart to sing, nd across the window pane

Is no sunlight glimmering; When a pitiless refrain Brings a tremor to the lips, Our tears are like the rain As it drips, drips, drips-

Like the sad unceasing rain as it drips. When the light of heaven's blue Is blurred and blotted quite,

And the dreamy day to you Is but a long twilight; When it seems that ne'er again

Shall the sun break its eclipse, Our tears are like the rain As it drips, drips, drips-Like the endless, friendless rain as it drips.

When it rains! weary heart, Oh, be of better cheer ! The leaden clouds will part

And the morrow will be clear. Take up your load again, With a prayer upon your lips,

Thanking heaven for the rain, As it drips, drips, drips-With the golden bow of promise as it drips. -James W. Riley.

## LOSING HER SITUATION.

"Now, girls, this won't do!" said Madame Molini, pouncing in upon the six pale sewing-girls, like a wolf into a flock of lambs. "No, it will never do in the world! I don't pay you all ex orbitant wages to sit and fold your hands like fine ladies. Miss Sedgewick, we are waiting for that lavender silk polonaise. Lucy Lisle, why do you not go on with those button-holes? Miss Foxe, you will be so good as to change your seat from the window to the middle of the room at once!" "But, Madame, I can't see there to lay on these fine bias folds!" pleaded

"You mean you can't see the carts and carriages in the street, and the type-setters at the windows opposite!" retorted Madame Molini, whose true nomenclature was "Mullens," and who had been a milliner's apprentice in the goodly city of Cork, before she set up on Sixth avenue as a French Modiste. Lucy Lisle caught up her work.

"I stopped just a minute, madame, with that bad pain in my side," she said, beginning to stitch away with eager "If you're sick," said Madame.severely, "you had better go home and send for the doctor. While you are here

your time is mine, bought and paid for!" While Miss Sedgewick, in self-defense, urged that she had not enough

waiting for more. "Not enough," shrilly repeated maagain, and sew it on higher up, and more all unconscious of her own feelings, beconomically; and I shall deduct this gan to watch for his daily visits as a extracted from her. She was carefully morning's lost time from your wages! What's that, Flora Fay—the mode-colored silk dress? Finished? And where

"I folded them up with the dress, madame," said Flora Fay, an innocent, blue-eyed young girl, recently from the country, who stood, in an unconsciously graceful attitude, before the fat and florid dressmaker.

"Then you were a goose for your pains," shortly retorted Madame Mol-ini, as she unfastened the parcel, abstracted the piece of glistening, uncut silk, and waisked it away upon a shelf. | you must do as you please." "Two yards and a half isn't much, but it is better than nothing." Flora Fay opened the innocent blue

"Don't you know, little silly?" whis-

silk made up into a sleeveless basque pared for a precipitate retreat. for madame," said the other, "trimmed with the gimp that was left from Mrs.

Aubrey's dinner-dress, and the pearl Flora, "that madame takes the silk that | with a sick feeling at her heart. "He is size. One of these contained 100 neeis left from the customers' dresses?"

"Goosie!" cried Miss Fox, "don't talk to tell me so." nonsense any longer. It's what every fashionable dressmaker does, and-" "There's the reception-room bell," shrilly called madame. "Miss Fay, answer it at once !"

mirrors, when Flora came in—Harry mer!"

Drake, the young sea-captain who lived She at the same quiet, inexpensive house | lily following each other across her not a few of them of same persons. M. where Flora was allowed a hall bed-room | cheeks. at a reasonable rate, on account of Mrs. at the old Fay farmhouse up among the | more!" Berkshire hills, and still retaining a

"Oh, Miss Fay, is it you?" said Harry. "Do you work here? Upon my word,

"But I don't stay here all the while." said Flora, noting how his glance wandered from gilding to fresco, Axminster a farmer," said Captain Drake, to his fork into his throat and let it slip down, carpet to bronzed chandelier. "I sew sister; "but if little Flora here is only we do not know. He probably "went in a little dark room, where there is a with me, there's nothing in all the to meet" the swallowers of false teeth. stiffing smell of coal gas, and no carpet | world that I haven't courage to under- Brunel, the great engineer, had a nar-

"I've come for a dress," said Captain Drake, plunging headlong into his subject, after the fashion of men in general

And when Mrs. Argunget took half sovereign to vanish from his mouth coals reflecting in their faces, and the sand reappear in his ear, the coin sud--"my sister's dress. She is to be married next week, and some of her friends | cause, dear Mrs. Arkwright, he loves | coaxed her to have her dress made here. | me!" Miss Fortescue-she's only my half-sister, you know," in answer to Flora's look of questioning surprise: "but she's

very nice, and is going to marry well, 1 "It's the mode-colored dress," said Flora, with brightening eyes. "I helped to trim it myself. Yes, it's all

Captain Drake departed with a dim quired of the stranger by what authority lief, the coin dropped from its lurkingidea that Madame Molini perfectly comhe was unlocking the mail bags and place and rolled to the floor. A Gerkended the art of high charges. Miss Fortescue herself came the next day. She was a young lady not lacking in quiet resolution. She knew

her rights, and was prepared to defend 'Where is the material I sent?" said she to Miss Fox. who was in attendance in the reception room. "It is not all made up into the dress. I had purchased enough for a new waist and sleeves

and it is not here. "You must be mistaken," said Miss Fox, with an aspect of polite impassibility. "The bias puffs and folds cut up the material shockingly, and—" A number of years ago a Baptist relieved a woman of a brass padlock, an But at this moment, little Flora Fay, clergyman, named Clevinger, was one inch and two thirds long and an inch who was packing some tuile capes and of the most popular men in two States. in width, which she had swallowed. fichus into a band-box, at the back of His house was built in such a manner Four years ago they were less fortunate the room, rose and came forward, with that a large hall which ran through it in the case of a boy who had swallowed

the mode-colored silk, Miss Fox," she a runaway couple came to him to be who had allowed a small tin whistle to interrupted—"don't you remember?— married the obliging parson, on the slip from the mouth into the trachea were the Faunalia, sacred to Faunus, on the shelf in the back room."

Miss Fox colored and bit her lip.

tescue, muttering something about "a mistake made by one of her young women;" and the young lady departed, a little dubious as to whether or not the fashionable dressmaker had intended to

scarlet spot glowing in each cheek and glass, 10 pebbles, 3 knotted strings, a World. lips closely compressed.

"I want no one in my service," 'said madame, "who is too conscientious to fulfill my wishes. You have intermeddled unwarrantably in the matter of that silk, and I repeat that you are no longer in my employment?" So poor little Flora went crying home, with a vague comprehension that she had been discharged, because she had spoken out the truth. It was nearly a fortnight afterward.

that Captain Drake noticed the absence of Miss Fay from the table at the boarding-house. "Is your little blue-eyed lodger ill, Mrs. Dodds?" he asked. "I don't think I have seen her of late."

"No she's not ill," said the landlady. "That is to say, not exactly sick. But she will be if she don't look out. She's boarding herself, Captain Drake, on bread and crackers, and such like, poor dear! and wasting away like a little shadow, because she lost her situation at that dressmaking place, and don't see her way clear to another. And she won't run in debt, she says, not even for a meal of victuals. Ah!" the good woman added. "I can remember when she was the pet and darling of the old folks at home, before they lost their all, running about among the daisies and buttercups like a sunbeam."

"But how did she come to lose her place?" asked Captain Drake. And Mrs. Dodds, who liked to hear the sound of her own voice, told the whole story. "It's a shame!" cried the captain.

"Just what I say myself," nodded the landlady. And the next day, Miss Fortescue (who was Mrs. Arkwright now) came to see Flora Fay. "It was all my fault," said she, with

affectionate vehemence, "that you lost your situation—and oh, if you would only come and stay with me, and help me with the sewing for my new house, I should esteem it such a favor! Would ou please?" "Are you quite sure that I can make

myself useful?" said Flora, a little hesi-"Yes, quite," said Mrs. Arkwright.

bride's pretty home, the young country that of a girl in whom, from time to girl seemed to expand into a different dame-"not enough! I measured that creature. Captain Drake, the most skin, which they perforated, and were devoted brother in the world, came removed by the fingers or forceps. there nearly every day; and little Flora | Concerning the way in which they got heliotrope-blossom watches the sun.
Until, at last, there was talk of course of eighteen months no less than another long voyage to Japan, and three hundred and twenty needles were then Flora grew pale and nervous again extracted, all being about the same are the two and a half yards which were she said. "If I go to the Exchange in a single day was sixty-one. A cur-Bureau, they will perhaps tell me of a jour phenomenon preceded the escape of each needle. For some hours the

> the root of the matter. that I should sail to Jeddo?" "I always had a horror of the sea," whis- pain had been felt the head of the neepered Flora, hanging down her pretty dle was generally found projected. The head. "But of course, Captain Drake,

ly; and, when he was gone, Flora shed followed. That little weight is to be she was hemming for Mrs. Arkwright. needles escape as proof of their mode of "How bold and unmaidenly it is of she asked Miss Foxe, in a whisper, as me," she thought, "to let myself care corded by Villars of a girl who swal-

pered Miss Foxe, laughing. "It's what | tain Drake sauntered in with that swing- abdomen and thigh, all on the left side. ing gait of his, as if he was treading the The pins, curiously, escaped more readily deck of an outward bound vessel. "Don't run away Flora," said he, as Many years ago a case was recorded by "You will, when you see the mode the girl caught up her work, and prethe made up into a sleeveless basque pared for a precipitate retreat.

Dr. Otto, of Copenhagen, in which 495
needles passed through the skin of a

she faltered, with downcast eyes. Sit down, Flora," said he, "and hear below the level of the diaphragm and what I've been planning."

"Now it is coming," thought Flora, rise to inflammatory swellings of some going to be married, and he is coming dles. In 1878, Dr. Bigger described

faring business," said Captain Drake. | were removed from the body of a woman "I am so glad!"

kind recollection of Mrs. Fay's kindness the captain, determinedly, "unless you'll ever she rested her arm on the table. the captain, determinedly, "unless you'll ever she rested her arm on the table. the captain, determinedly, "unless you'll ever she rested her arm on the table. The distant round of shall talk and the captain, determinedly, "unless you'll ever she rested her arm on the table. The distant round of shall talk and the captain, determinedly, "unless you'll ever she rested her arm on the table. The distant round of shall talk and the captain, determinedly, "unless you'll ever she rested her arm on the table. The distant round of shall talk and the captain, determinedly, "unless you'll ever she rested her arm on the table. The distant round of shall talk and the captain, determinedly, "unless you'll ever she rested her arm on the table. The distant round of shall talk and the captain, determinedly, "unless you'll ever she rested her arm on the table. The distant round of shall talk and the captain, determinedly, "unless you'll ever she rested her arm on the table. The distant round of shall talk and the captain, determinedly, "unless you'll ever she rested her arm on the table. The distant round of shall talk and the captain of the ca

girl? Shall it be a partnership?" you seem to be in very comfortable the papers were all sealed, signed and cident, she knew not when. delivered; the "partnership" was a foregone conclusion! "I don't know how I shall succeed as

> take." And when Mrs. Arkwright took "I think I am the happiest creature in all the wide world to-night. Be-

# Looking After the Mails.

through the country looking after delinquent postmasters and mail carriers. A man was seen unlocking the mail hauling their contents. Postmaster himself on the scene. He came while looking at the centents, whereupon the was allowed to remain lying around plove took advantage of the delay. He told the postmaster that the mails had lain there 20 minutes, and he had

been looking them over for 15.

was exactly on the State line between a piece of brass chain, and in 1880 a deepening color.

"There are two yards and a half of Kentucky and Tennessee, and whenever child in Devonshire was vainly treated the who had allowed a small tin whistle to first intimation of an approaching pur-suit, would usher them across the hall whistles there have been several fatal ter was a thanksgiving for the harvest ened face, twitched the two yards and come, and from which they could not expelling the breath to fill the balloon and freight. The French society has 406 a restorative to the soil here and in all with the rich and por. They eat, sleep, burials. The French society has 406 a restorative to the soil here and in all with the rich and por. They eat, sleep, burials. The French society has 406 a restorative to the soil here and in all with the rich and por. They eat, sleep, burials. The French society has 406 a restorative to the soil here and in all with the rich and por. They eat, sleep, burials. The French society has 406 a restorative to the soil here and in all with the rich and por. They eat, sleep, burials. The French society has 406 a restorative to the soil here and in all with the rich and por. They eat, sleep, burials. The French society has 406 a restorative to the soil here and in all with the rich and por. They eat, sleep, burials. The French society has 406 a restorative to the soil here and in all with the rich and por. They eat, sleep, burials. The French society has 406 a restorative to the soil here and in all with the rich and por. They eat, sleep, burials. The French society has 406 a restorative to the soil here and in all with the rich and por. They eat, sleep, burials. The French society has 406 a restorative to the soil here and in all with the rich and por. They eat, sleep, burials. The French society has 406 a restorative to the soil here and in all with the rich and por.

#### HUMAN OSTRICHES. Who Folks Feed on Pins, Needles and Jack-

inflate the balloon, and so the sufferer is choked as promptly and inexorably She had hardly closed the door be-hind her, however, when Madame Moli-man in whose body were found 1,841 should be careful about putting solid ni turned upon poor Flora Fay, with a objects, to wit, 20 buckles, 14 pieces of substances in their mouths.—New York WORDS OF WISDOM. Inclination and interest determine

piece of leather, a fish-hook, a pin, 9 "Young woman," said she, "you are copper buttons, and 1,782 nails and tacks. His madness was of a common "Discharged!" echoed Flora. "For sort, after all. At the autopsy of a convict in the Brest galleys fifty-two objects were found in the stomach, including several knives and pieces of iron hoop four inches long. In March, 1809, a sailor named John Cummings died in Guy's Hospital, London, whose experiences completely eclipsed the performances of the boy described by Messrs. Sawyer and Allen in "Pickwick" as addicted to wooden beads. In 1799 he had seen a French juggler "swallowing" knives by the dozen, and in his credulity believing that the juggler actually conveyed them into his stomach, brances will grow from them. he undertook to rival him and swallowed four clasp knives. Luckily, these did not kill him, and he was satisfied to | ceeds from ignorance than impudence.

rest on his laurels until March, 1805, when at Boston he was one day tempted, while drinking, to boast of and repeat his performance. In the course of the evening he swallowed six knives, and when the next morning crowds of visitors came to see him he was induced to swallow eight more. He paid dearly for his frolic; for he was seized with constant vomiting and pain in the stomach, and though by heroic measures he was relieved of the knives, that organ was irretrievably rained. But all his that survives a deluge. suffering did not suffice to cure him of his folly, for at Spithead in December, 1805, being somewhat tipsy, he resumed his boastfulness of being able to swallow knives, and to amuse the ship's

company swallowed nine clasp-knives some of them of a large size. Again he became ill, and was in the hands of the ship's surgeon for several months, during which portions of knives were discharged. At length he was admitted as a patient at Guy's Hospital, and in March, 1809, he died in a state of ex-

treme emaciation. A milder form of this disease is the fondness for pins and needles. Dr. Stephenson, of Detroit, reported in 1877 the case of a woman of seventy-five, whom he had relieved of a pin swallowed forty-two years before while picking her teeth. Siloy has recorded the case of a woman who made pins and needles her daily diet, and from whose body 1,500 of these articles were taken after her death. Another case, almost as striking, said the London Lancet, about a year ago, has been recorded by Dr. Gillette (1874)

time, needles were found beneath the "I-I have been here long enough," size. The largest number which escaped But Captain Drake went straight to pain was severe, and there was considerable fever. She then felt a sharp "Flora," said he, "are you unwilling pain, like lightning in the tissues, and on looking at the place at which this needle invariably came out head foremost. No bleeding was occasioned, "Yes, of course," he answered, absent- and not the least trace of inflammation a few quiet tears over the table-linen attached to the place at which the

introduction is evident from a case remadame rustled off to scold the errandboy for putting too much coal on the

me! If he had cared one iota for me,

me! If he had cared one iota for me,

dles, and two years afterwards, during a period of nine months, 200 passed out But the next evening, at dusk, Cap- of the hand, arm, axilla, side of thorax, and with less pain than the needles. "Did—did you want to speak to me?" hysterical girl, who had probably swallowed them during a hysterical parox-"Don't I always want to speak to you? ysm; but these all emerged in regions before the Society of Surgery of Dublin "I have decided to give up the sea- a case in which more than 300 needles "Have you?" fluttered Flora, faintly. who died in consequence of their presence. It is very remarkable in how ferr "And I've bought a farm in Connecti- cases the needles were the cause of Harry Drake was standing in the cut," he went on—"the old Berkshire death, and how slight an interference she put it in her purse and went away

pretty room, all glistening with satin farm, Flora, where you were born and with function their presence and movedrapery, gilded moldings and huge brought up. I'm going to be a far- ment cause. M. Henri de Parville, the well known French writer on science, She looked up at him, the rose and has described many cases of this sort, Berenger-Feraud took a needle from "Oh!" she cried involuntarily, "if I the arm of a woman of twenty-four, who Dodds having once boarded a summer | could only see the dear old place once | did not recollect swallowing it, and had for weeks been unable to understand "But I won't go there to live," said why she felt a pricking sensation when- after the usual round of small talk and

And when Mrs. Arkwright came in, presence of a needle, swallowed by ac- pop some corn." What became of the rash youth of said the gallant. "I presume the fur-Bologna who, to show how a juggler nace fire would be a great deal better. swallowed a sword, introduced a silver The sly dog.

not be dislodged, fatal results would around her waist, her head dropped on A government spotter is going ensue. In the dire dilemma into which his shoulder, the popper hung listlessly he had needlessly brought himself, in the fire, till at last a shout from Brunel devised a wooden structure to above, "If you don't be careful you'll which he could be strapped head down- burn that popper full!" wakered them a man was seen unlocking the mail bags at the Rome, N. Y., depot. and over- ward, in the hope that the half sever- from their dream of bliss. But then, eign would fall out of his throat by the there wasn't more than three cents Williams was informed, and presented force of gravity. He was fixed to the worth of corn spoiled.—New Haven machine head downmost keeping his Register. neatly in a white pasteboard box, and the man was thus occupied. He inman juggler who had introduced a vari- in a railroad accident in New Mexico, stranger told him he was a government ation of the sword-swallowing feat by and while recovering in a hospital had stranger told him he was a government swallowing a bayonet and balancing plenty of time to consider the problem on the same lake, at Kusaungalohowa, the most of them barely keep body and the future on the same lake, at Kusaungalohowa, the most of them barely keep body and looking to see what kind of mail master theron the musket to which it was attached, came to grief under even more The railroad company gave him \$2,000, was allowed to remain lying around the depot without any one to look after it. It seems that after the mails were it. It seems that after the mails were thrown off they were not removed immediately, and the government em- same principle as Brunel and promptly living miserably on the interest. But inverted himself, and with the aid of two friends stood feet upwards till, by force of gravity the beyonst dynned to inverted himself, and with the aid of force of gravity, the bayonet dropped to where it could be reached from the mouth and drawn out. In March, 1837, the surgeons at the Edinburgh Infirmary It was a long time before he could in-A number of years ago a Baptist relieved a woman of a brass padlock, an

ugliest thing imaginable to deal with, since the toy sticks in the windpipe, and every attempt to breathe tends to There died not very long ago, at as if he were in the grasp of a garotte.

the will.

Be deaf to the quarrelsome, and dumb to the inquisitive. Happily for little men the giants have seldom any great wit.

One day is worth three to him does everything in order. Frugality is founded on the principle

that all riches have limits. No ashes are lighter than incense, and few things burn out sooner. Sow good services; sweet remem-

Unbecoming forwardness oftener proists is not so wise as to foresee and pre-

Evil would not be half so dangerous if it did not often wear the semblance adorning the body by painting in vari- them who is in any way connected with of virtue. The generality of men have, like plants, latent qualities, which chance

brings to light. A couplet of verse, a period of prose, may cling to the rock of ages as a shell

In general there is no one with whom life drags so disagreeably as with him who tries to make it shorter. White men should exhibit the same

one is said to be romantic who either admires a fine thing or does one. He who once did you a kindness will be more ready to do you another than he

whom you yourself have obliged. The first step toward making a mau of your son is to train him to earn what he spends; the next best step is to teach him to save his earnings. He who bears failures with patience

is as much of a philosopher as he who succeeds; for to put up with the world The law of the harvest is to reap more than you sow. Sow an act and you reap a habit; sow a habit and you reap a character; sow a character and you reap He who makes a baseless insinuation

is guilty of an injustice which is atrocious and monstrous in comparison with the petty depredation of the despicable thief who breaks into his granary and surreptitiously carries away his corn.

## Hangman's Rope as a Talisman.

The popular pocket piece just now in this city is a piece of hangman's rope. If all the hangman's rope were taken from the pockets of superstitious St. Louisians, they would form a rope of rheumatism, consumption, heart disease, at the ceremony. apoplexy and everything else. The rope is a sure cure for all the ills that a great many St. Louis men and women look at it.

In the police stations nearly every of rope, and a great number of private citizens treasure up the ghastly hempen mementoes. Every tramp carries one, and in the alleys frequented by the colored populace, there are yards of rope with which Ellis and Ward were rope with which Ellis and Ward were marked that the inhabitants of the Pe- be supported without it in a reasonable turned to be deposited in Springdale executed. The supply is not yet ex- lau Archipelago were less tattooed than quantity. There is no sort of use in cemetery. The fourteenth cremation tion rope sells for the phenomenally and the other Polynesians. low sum of five cents. A gentleman, with whom a reporter had a conversawas handsomely dressed, and pretty, not appear to be less robust in constitufriends, but could not get any genuine. sometimes die. The women bear it He had to have a piece for that lady, neither better nor worse than the men. however, and the brilliant idea struck him that he could give her any piece of half the arms, and the outer sides of twisted hemp. She would never know the legs with rows of crosses, stars, the difference. He gave her a piece of frayed and broken clothes-line, saying that it was a strand of the rope, and happy. Several parties have been selling the rope about town and taking in A few years ago, an Indian of the tribe

# Popping Corn.

an up!own belle the other evening and wife! What do you think of it, little who was dying from gastritis, it was on popping corn. "If Jane hadn't let thought, till examination revealed the

"Oh, the kitchen fire is no matter,"

No sooner said than done. Down into the cellar basement with corn and popper went the sentimental pair. And really there was a beautiful picture. row escape once upon a time, when Seated on a wash bench in front of the amusing some children by causing a furnace door, the glowing light of the corn piping and popping its merry acdenly slipping down into his gullet. He companiment to the seance which in tried to cough it up without effect. the remoteness of the cellar from the There it stuck. Every surgical device old folks' bedroom was all the more inwas tried to get hold of it without avail.

It became evident that if the coin could full had been popped, his arm stole of Loango.

The Bongo of Loango.

Felipe Honali lost parts of both arms of how to get a living in the future. less men in side shows, and he resolved to sacrifice his own useless stumps, thus qualifying himself for a human curiosity. duce any surgeon to make the fresh amputation, but he has at length found one who took his view of the utility of the operation. He will soon present the appearance of having been born armless.

The Roman feasts during December can coasts, and which is as follows:

TATTOOING.

Singular Methods of Barbarous Ornamen-Tattooing is much more commonly practiced in the world than is generally into a ball round the needle as an axis, supposed. The subject has been specially investigated by M. Magatot, who fices to hold it until complete cicatrihas endeavored to determine the geo- zation, in the form of more or less reggraphical distribution of the different ular balls. This operation is practiced forms of tattooing. The following is a most frequently from the lower and resume of the principal results of this anterior part of the nose, raising in a

In its most simple forms tattooing hair. Certain tribes tattoo, in the exists everywhere. It is not rare, we same way, the lobes and the outer borknow, even in Western nations, to meet | der of the ear. It is generally on chilwith men and women who have draw-ings on various parts of the body. The toning is performed. It is doubtless most ordinary process is to burn pow-der on small incisions penetrating the epidermia. As to the object of it, this is in some obscurity. Men regard it as an ornament, and as a proof of virility nitely renounced this fashion of barbarand mark of distinction. Taking a ous ornamentation; but one need not general view of all peoples, it often go far to find in the piercing of ears, presents itself with the character and the often painful use of corsets, and cersignification of other mutilations. M. | tain deformation of the cranium (as the Letourneau records the case of a Ha Toulousian) some relics of savage

waiian who tattooed himself in token of practices. grief and respect on the death of the king. But more than any other muti-To correct an evil which already exists is not so wise as to foresee and prevent it. uncivilized. Man seems to have commenced with

ous colors, as so many savages do at present. And it is, perhaps, by the simple application of different colors would be of any value. He was pale to the skin, that he determined his tribe and the lips nearly colorless, and this the attending physician and the Board and his rank. The tribes of the Amazon are still distinguished by the colored marks they make on the lips and ty-strickened, "too thin," to make use of the tody. The idea has arisen among many people to make marks for introduction of the coloring matters (generally obtained from the juices of plants,) he should not upon any account what- after the body is placed in the retort is and so render these marks indelible. in sensibility to moral tortures that red men do to physical torments.

and so render these most fact that the human blood contains a from twenty to twenty-loss fact that the human blood contains a from twenty to twenty-loss fact that the human blood contains a from twenty to twenty-loss fact that the human blood contains a from twenty to twenty-loss fact that the human blood contains a from twenty to twenty-loss fact that the human blood contains a from twenty to twenty-loss fact that the human blood contains a from twenty to twenty-loss fact that the human blood contains a from twenty to twenty-loss fact that the human blood contains a from twenty to twenty-loss fact that the human blood contains a from twenty to twenty-loss fact that the human blood contains a from twenty to twenty-loss fact that the human blood contains a from twenty to twenty-loss fact that the human blood contains a from twenty to twenty-loss fact that the human blood contains a from twenty to twenty-loss fact that the human blood contains a from twenty to twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the human blood contains a from twenty-loss fact that the hum parts of the world, from New Zealand to the Tongouses. It is largely pracing less, nothing more. Now this is carried off in several ways—perspiration is always salt if you taste it—and the laid in the coffin under the body it

> pricking. Applying to the skin a design, cut in leaf or piece of bark, they follow the lines of it with a special knife of bone, making incisions in the skin, and stanching the blood as they proceed. They do not always content themselves, after incision, with introducing the coloring matters, but often add corropimples in the wound. This is espe-

selves to making deep incisions to de- incidental to it, can perpetrate any such 9th of March the body of Mr. Arthur note their prowess in fishing, in the foolishness as to attempt to say that you Strabos was cremated. He was a civil chase, or in war. But even in this de- "must not eat salt;" such a man or engineer who not long before had gone gree of simplicity, tattooing seems to woman would be "white livered" in from New York to Pittsburg to perfect have become a rite among certain peo- three months, and open to every change plans for the Monongahela bridge.

tattooed, know that tattooing seems to absolute fact with the best stock breedflesh is heir to, if properly applied and adjusted; but that is not the way that clothes. It tends to remove the impression of nudity. It is, moreover come "weak," lifeless and afflicted with the war and had afterwards been a merhighly ornamental, and one can under- diseases which are entirely unknown chant and railroad superintendent in stand how the Polynesians, who become among those who have access to salt Massachusetts. On the 23d of May the prisoner who is searched, carries a bit skillful in covering themselves with whenever they desire. Does not the body of Miss Frank M. B. Kendal, who

tattooing, and sometimes produce very ind them "lunatics" upon the good consumption. tion, stated that a very nice lady had complicated forms of it. But they do health question, and probably devotees asked him for a piece of the rope. She not bear the operation well. They do of the Dio Lewis "oatmeal" as a doctoo. With recklessness he promised to tion, but from some indeterminate practice. Sensible people will not be procure her a piece, not thinking she causes, their system, perhaps more nerwas in earnest. He met her again. She vous or more sensible to pain, does not in the immediate future makes work nine in all Italy, and new crematories asked for a piece of rope. He straight—always prove resistant. Their health way proceeded around among his is affected by the operation, and they Journal of Commerce. They adorn the backs of the hands,

points, lines simple and zigzag. The Indians of America tattoo, it is known, very little. Though strongly resistant to pain, they look upon tattooing as a kind of disgraceful mutilation. the gullible people.-St. Louis Repub- of the Apaches, in Arizona, sought a young Comanche girl as his wife. The Comanches were then a hostile tribe. Caught in a pillage expedition by the Apaches, she was by them tattoed over the whole of the back by way of punishment. The painful operation was prolonged fifteen months. This un-

happy girl escaped, and was received as servant in an American house at Joseph, Arizons. The complicated and truly asthetic tattooing which forms the garb of so self must be a fruitful source of embarmany Polynesians is not known in Africa. The Niams-Niams, and the women of Hammedi, Matambue, Makonde, Manganja, and Machinga ornament themselves with comparatively elegant bands. The Baris paint themselves with pipe-clay, the Besuvs and the Bertas with red ocher, the Monbuttos with red wood, or black juice of gardenias but, in general, they confine themselves to pretty gross incisions, such as the large cuts in the cheeks and the temples in the Berabras and the Bedjas,

and the colored cuts of the Rantetochs

completely, even the arms; but they do not make drawings with a series of prickings. They make according to Schweinfurth long incisions, the cicarization of which they retard by application of irritating substances. The wound forms pimples, and, the fleshy excresence once cicatrized, there remains an indelible swelling. The inhabitants of Ouwinuzi, to the east and on the coast of Lake Tanganyika, have, according to Cameron, a strong taste for tattooing. They are covere small incisions forming spirals, circles a line of tattooing is made, descending soul together. This is a common sayin the middle of the forehead, and two ing that a Brahmin is a beggar, even if lines on the temples, proloning somethese marks means of distinguishing the tribe.

To the west of Lake Tanganyika, in Ouhigh, the tattooing common to the that, with their unblushing mendicity two sexes is without regularity, and and their open disregard of morality, the frightful scars left by deep incisions for the purpose of ornament are norant devotees. The author relates very repulsive-not so, however, to facts to show that the most sacred laws the natives, and they often disfigure themselves in the most surprising ways. Many of them are not content with incisions. Dr. Tarrant has recently (for example) indicated a mode of tattooing particularly in use on the Afri-

a half of silk off the shelf, folded it into a paper, and handed it to Miss For
| The state of the state

The Progress and Status of the Cause of

pricked, raising like a lever the skin, Cremation in America and in Europe Last Year. obtained is strongly twisted and wound The reports circulated freely in the fall of 1881 that the Le Moyne crema- | burial.' and the contraction of the tissues suftory at Washington, Pa., was to be dismantled proved to be untrue, and in March last the trustees, Messrs. Julius Le Moyne and V. Harding, issued the following circular, covering the points on which correspondents usually desire

straight line to the beginning of the persons in the neighborhood, and not for the general public, his hope being that crematories would be erected in different parts of the country. He, however, allowed the cremation of a few bodies for the purpose of keeping Civilized nations seem to have defithis reform before the public, as well as to gratify a strong desire of those who had no other way of showing their interest in the subject. The trustees endeavor to follow his wishes, although he left no directions in the matter, nor any fund for keeping up the crematory, hence a small sum is added to the actual

cost of cremation.

"The crematory is situated at Wash ington, Washington county, Pa. The place may be reached by rail from either Pittsburg or Wheeling.
"The trustees will receive no bodies

for cremation unless they are previously satisfied that death is recent and from natural causes. This information must be accompanied by a certificate from of Health, and some referees known to enced eye that the blood is poor, pover- | both parties are desirable. "A timely notice is required for

another reason. It requires about a miserable one at that-had told him twenty-four hours to heat the furnace that "salt" was not necessary, and that | before the introduction of the body; ever partake of it. It is a well-known is consumed in about two hours, but

particularly, they do not for the most the kidneys are busy taking away salt can be lifted out more easily. Simple part, confine themselves to simple in their regular duty; the skin carries clothing and a plain coffin are recomaway salt every hour, either sleeping | mended. "The ashes are generally placed in a sealed tin box and can be carried away the cartilages of the body contain salt. by the friends or sent by express. The weight of the ashes varies from five to or waking, working or resting, will this seven pounds.

M. D. tell us what is to be done in the "The cost of cremating a body is \$45.

way of replacing the salt that is taken This includes all expenses after the out of the system by the regular course | body reaches the railroad station at sive plants for the purpose of producing of nature? People often become ner- Washington-hearse, carriage and box, vous, peevish, fretful and "good for as well as fuel, attendance, &c." cially practiced in the Viti and Mar. nothing" because they deprive them. By way of proof of the spread of inquise Islands, and in New Zealand. It selves of fresh air, proper exercise and terest in the subject may be mentioned is well known, in particular, that Maori salt. It is a simple thing, but when the fact that New England manufacwarriors thus carry on their faces a the Almighty made man He not only turers have been making inquiries with of which is extremely painful. The into his keeping all the natural ele- the market. The tenth cremation at designs, often very well executed, are ments for maintaining and repair. Washington took place on the 19th of ber of vaccine farms in Europe, and The mayor and city council of Austin complicated to indicate the rank, the ing the body and its wastes. Among February last, the body being that of family and the exploits. Among the these, salt in a great variety of forms, Dr. Konradin Homberg, a prominent Australians, some new designs are and in a bountiful supply, was given. physician of Indianapolis, Ind., a po-added at each solemn period of life.

And it is a matter of wonder how men litical exile from Germany, and a deany such" snide;" keep the salt in food, family were present at the incineration.

> Abroad, the cause of cremating is ing to the Revue d'Hygiene new sociebrought into this kind of a trap, which ties have formed, which now number movement maintains its strength, and a number of years." the English Consul, Mr. Colnaghi, reports that between 1876 and August 31, 1881, seventy-one incinerations of bodies have taken place at Milan and fifteen at Lodi, making a total of eightysix. The first crematory furnace set up in Milan was heated by ordinary gas, made on the spot and passed by means of tubes into the urn. This system, however, had to be abandoned, since it was found to be neither rapid nor economical, five hours being required for now being tried-one the invention of the flames are brought into direct conincreased by the introduction of atmospheric air. Cremation does not appear to be a costly process, for the total Milan is somewhat under \$10. This from hand to mouth, deposit their hard- charge covers not only the fees to the earned savings for a twelvementh to be cremation society and to the municipality, but the cost of a niche for the cinerary urn in the columbarium erected for that purpose. and it is the season to which mendicant The Japanese Government, it may be added, sent a commissioner, Mr. Mono-

study the Italian system of cremation. roughly estimated that \$50,000,000 are 1880. For last year, up to August 17, Either on religious grounds or on the the number was 23. Of the total of 57 occasion of family ceremonies, there ances must be entertained, and when offerings which become the perquisite of the officiating priest must be laid At the last meeting of the Copenhagen | Ecening Bulletin. be scrupulous, and it seems strange

England the cremation movement has made little progress of late, about the only notable item recorded being the passage by the Oxford Union, by a vote of 37 to 19, of a resolution that "cremation ought to supersede our method of

### VACCINATION IN AMERICA.

Method of Obtaining the Virus-The Dr. E. A. Lewis, who is one of the largest dealers in vaccine in this coun-"Dr. F. Julius Le Moyne erected his crematory for his own use and that of porter of the New York World to find out about the supply of vaccine, said : 'We have a large farm in New Jersey, where we keep a stock of calves, principally Alderny, for they seem to take and keep the virus better than any others. In a busy season, such as this, we use a calf nearly every day. The method of vaccination is the same as in the case of human beings. The belly of the calf near the udder is cleanly shaved, leaving a perfectly smooth skin. Then abrasions are made and the vesicles are applied, the only difference being that while in a vaccination of a human being there are seldom more than two abrasions of the skin, with the calves between twenty-five and thirty vesicles are sometimes applied, when we reach a large quantity of virus. The additional number of applications

make no difference in the quality of the virus, and the vaccination produces no applicable effect upon the health of the calves. So the protests of Mr. Bergh and his colleagues are groundless. The time for removing the virus is usually on the seventh day after the vaccination. The virus is taken out in different ways. Sometimes on quills or wing points, and sometimes in glass tubes. Sometimes, too, the scabs are removed, but in bovine virus these are not often to be depended upon. When taken off on quill slips, or wing points, it is allowed to dry thoroughly, and you would not recognize the presence of any extraneous matter on the end of one of these quills or points, should you examine them ever so carefully. Probably the most effective form of vaccination is with the quill slip. They serve to preserve the virus better and retain its vitality. When dried thoroughly they are ready for use. The vaccination by glass tubes also is a now turns around and wants \$10,000 very effective process. The virus pre-served in these different forms is packed

up and sent by mail. The main point in preserving is to keep it dry and cool. When exposed to heat any length of time it loses its vitality and becomes absolutely useless. We find that the mail is the only safe means of transportation, and never send it in any other "What virus do you use to inoculate

brought home specimens from several have got the smallpox---. Now places in France, but most of them don't get scared. Give us a chance to proved worthless, and soon ran out, finish the sentence. They have un-My virus is transmitted from an epi-The Tchoukehis of Eastern Siberia (who are completely clad) limit themosphere to making deep incisions to describe the first series from the matter of handling this body and the diseases selves to making deep incisions to describe the first series from the matter of handling this body and the diseases of age and a bachelor. On the lineidental to it, can perpetrate any such brought here by Dr. Martin, of Boston, and has been transmitted in an unbroken chain from one calf to another ever

considerable length. The five hangings recently taking place in this city have brought out again the superstition that hangman's rope is a sure cure for the many cases, as among the Alfourvins, they would form a rope of ple. It is frequently old women that are charged to practice it. But in many cases, as among the Alfourvins, delightful independence in the face of though none of the members of his country. I send it by mail everywhere, all over the send it by mail everywhere, all over the country. This is the best season of the All who have seen men completely in your system, and be happy. It is an On the 31st of March were cremated country. This is the best season of the attoocd, know that tattooing seems to absolute fact with the best stock breed the remains of Colonel J. N. Ross, of year for its transportation, for it is more now to vaccinate 2,000 people a day." "How do you account for the prevalence of smallpox this winter?"

"We are bound to have an epidemic of smallpox constantly recurring as long as there is no compulsory vaccination. It see ns to return with additional virulence every fifth year. About five years ago, during the winter of we see is new to our eyes and senses. 1876 and 1877, it spread very generally The houses are of the simplest conall over the United States, both North struction; and the furniture in them lau Archipelago were less tattooed than those of the neighboring island of Jap, and the other Polynesians.

There is no sort of use in the fourteenth cremation took place on the 24th of Jane, the body being that of Mrs. Henry Haher-body being tha ago, when there were cases all over the the yoke fastened to their horns. The making steady progress. Italy is still country. Last winter it became quite producing class is the Indian. The cases appeared elsewhere. During the the middle class; while the better class summer the seeds were kept alive, and is pure castilian. The latter class now it has spread so that there is a hold the offices, fill all the positions, general prevalence of the disease as far and possess all the wealth. The middle West as the Mississippi. Why, we class are not renowned for virtue, while At last reports the Cremation Society at are sending packages of vaccine daily the upper class are. The lower class Rome had 183 members, and had select. to people in Kansas and Missouri. are stupid but honest; the middle class But there is every probability that dur- are not. rium on the Gorini system. The cost of ing the spring the disease will entirely There are many rich people in Mexicremation is from \$6 to \$10, and the urn costs from \$1 to \$2. At Milan the immunity, at least from epidemics, for

vaccination?" antine laws and greater powers for the of corn. It is the bread of the Aztecs boards of health. Our great trouble is, that the people are allowed to act too bread Montezuma ate in his day. And much as they please. In Prussia, where this is how it is made: tact with the body; combustion being with them and there is consequently coals, and the famous tortilla is ready much more of the disease than there would otherwise be. I never heard of a German case vet, so complete is their | despised. cost of incinerating a human body at system of quarantine and compulsors

New Plants from China and Japan. being added to the agriculture of Cali- story. Montezuma ate his soup like all fornia, says a San Francisco le ter. The his subjects. He took piece of tortilla, United States consul general at Shan- shaped it like a spoon or cup, dipped it added, sent a commissioner, Mr. Mono-suke Jana, to Milan, not long ago, to ghai sends us a good supply of seed into the dish of sonp, then swallowed from two valuable trees for distribution, the soup and tortilla together. Mexiviz., the tallow tree and the lichee. cans, who are not worth a dollar in the Gotha ranks next to Milan as a center of The tallow tree will thrive here. Be- world, do the same thing to-day. The cremation. The furnace erected there sides being a handsome tree, resembling lower class and middle class, too, to a in the autumn of 1878 had up to last the aspan, it bears great clusters of nuts large extent, use no spoons, knives or August, been in use 57 times—once in whose kernels are filled with white forks, when eating. 1878, 17 times in 1879, and 16 times in tallow, which is softened by steam and The manufacture and sale of this cake then removed. It is in general use in is one of the few fields open to women substitution of animal tallow. After in Mexico. They bake them and then cases, only 1 came from Berlin, 1 from extraction a very large quantity of rich hawk their goods upon the streets or Breslau, 7 from Dresden, 1 from Frank- and valuable oil remains. The lichee deliver them to families at their houses. fort-on-the-Main, 1 from Hanover, 1 bears a fruit that is delicious when But they never grow rich in their callfrom Carlsruhe, 2 from Leipsic, 3 from fresh. It is dried and largely exported. ing. Indeed, in this country, the object Munich, 1 from Vienna, 1 from Paris The tree is an evergreen and very of the people is not to get wealth; it is So the Brahmins victimize the superstitous community, and yet the memthe 47 men, 19 belonged to learned in many Southern States on the Atlantic field, and sleep the other three days of professions, 4 to the army and 4 to the side. The seeds are distributed freely the week away. The seventh day is nobility. There were 10 physicians. by the publishers of the San Francisco market day, and also church day.

Cremation Society it was announced List year the Bulletin distributed the simplest and fewest garments, in fact that the society counted 1,400 members, Soja beans of Japan, which grow luxu- they are never overdressed. It is suramong whom were 83 distinguished riantly, and which will supersede all prising how few clothes will pass muster off." Naturally, they cannot afford to physicians and many Protest nt ministers of well-known character. The ap mals. For centuries these heavy-podded blanket spread on the earthen floor of paratus adopted by the Danish Society beans have fed the millions of Eastern their huts is considered good enough for completes cremation in about an hour | Asia, and they are now favorite food in | any sovereign of that land; while a cot and the operation does not cost more Southern Europe. The plant grows is regarded as a luxury, and only inthan from \$1.25 to \$1.75. It is expected scrubby here and three feet high. The dulged in by the well to-do people. that this economical result will assist pod never drops its beans on the field. Everybody smokes, but no one chews or in extending the system among the No other leguminous plant bears beans snuffs. The ladies smoke as gracefully as pocrer classes, for in Denmark the cost of such tasteful, healthy and nutritious they dance. They smoke in the parior of a funeral by the ordinary method is qualities, in which the straw particiat home, and when visiting; and are have consented to condone the most flagrant offenses when the culprit could ago, the minister of the interior put a life. Analysis finds in Soja beans 341 every half hour. They use wines at ago, the minister of the interior put a life. veto on any experiment in the way of per cent. of albuminous element and the table, but at no other time; and all There seems to be no occupation so cremation, even with the "debris" of 184 per cept. of fat, while horse beans classes eat frequently but sparingly. dangerous as that of brakeman on the hospitals, on the ground that the show only 251 and 11 per cent. respect- Dyspepsia is rare, and a dentist could consists in a strong torsion of the skin, freight trains, and many insurance decree of Prairial Year XIII., which ively, and maize contains 101 and 41 not earn a living if he had an entire companies refuse to take the risk of deals with the subject of the disposition per cent. only. As an alternative crop canton in which to ply his vocation. tooing by incisions. Along and pretty insuring their lives. It is said that of the dead, only takes cognizance of the Soja bean will prove a blessing and Life is deemed a period of enjoyment,

Human Hopes. Like to an airy bird, With every feather stirred, skylar's mounting upward to the sky; What though its nest we pass

Where low winds wave the grass And butterflies and bees go flitting by. It lives not in the now-Though blossoms deck the bough, The harvest fields with golden spires it sees

The seed falls to the ground ; It knows no burial mound, out crimson fruit that glow amid the trees And when fierce storms do blow, And bare boughs in the snow Songless and flowerless stretch through gloon

Still, still the angel Hope Bids us with life's ills cope, And through the darkest shades see ever

# -Lydia L. A. Very.

HUMOROUS. One touch of vaccine makes the whole world kine. When a man gets above his business he is bound to fall off.

A successful debater—The horner always carries his point. A man that is variable is not esteeme very able by his neighbors. No one ever thinks of complimenting

a clock for keeping good hours. The sun is no invalid, but it always goes South to spend the winter. Pugilists strip for a fight, and then present each other with heavy wraps. The phrenologist is governed more

y his feelings than any man in any ther business. The good die young. The bad live to lie about the weather, and are spoken of as the oldest inhabitants. Chicago's chief of police has a gold

badge set with dismonds. The poker and bunko men of that town have good taste.-Free Press. If some religious people we know would prey on their neighbors less and their knees more, the world would be better off.—Baltimore Every Saturday. because a street car accommodated him. Shakespeare asks, "What's in a

times. Not necessarily for publication, but merely as a guarantee of good The German government can now call 1,000,000 soldiers into the field at a day's notice, while over here it takes the best part of three days to hunt up

name?" Well, it is a good thing, some-

the man who borrowed your half dol-"Several years ago I visited a num- lar. doubtedly got the smallpox under con-

trol.—Siftings. As large crops rewards the farmer Who has sown with lavish hand; As encores that greet the charmer Who out sings the big, brass band; So the ardent advertiser Gains great wealth at small expense Through the paper; for 'tis wiser

Than to bulletin the fence With a small, Gandy sheet, Not at all Nice or neat. Who, into journals, of his "dust" A liberal portion pours, Will nevermore complain of rust On the hinges of his doors.

-Hackensack Republican

Upon landing on the coast of Mexico one is struck with the singular dress, habits and customs of the people. All we see is new to our eyes and senses.

plenty; and yet one rarely hears of a "You are an advocate of compulsory death by starvation. Bread is cheap; accination?" and fruit can be had for a song. The "Indeed I am, and of stringent quar- bread in general use is the tortilla, made

every child has to have a vaccination The corn is soaked in warm lime certificate, there are no epidemics. In water for a half day; then worked, England, where an anti-vaccination when the hulls drop off; then the clean party wields great power, there is a grains are placed upon a flat stone, and great prevalence of this disease. So a stone roller passed over them until the operation. Two rival systems are rare are the bad consequences that no the corn is ground and looks like morwell-founded conclusions can be drawn tar. Some red pepper is put into the Professor Gorini, of Lodd, and the other that of Messrs. Porna and Vennini, of great deal of the smallpox in the West in her hands, pats it until it assumes Milan. Both are heated by wood, and is undoubtedly due to emigration. the form of a cake and then places it Emigrants carry the infection out there apon an earthen plate, laid upon the to be eaten. The cake is quite palat. able, and with soup it is not to be A Spanish writer, when dilating upon

the wealth and extravagance of the Indian emperor Montezuma, declared that the emperor never used the same spoon New plants from China and Japan are but once. But he did not tell all the

The common people are clad in the